

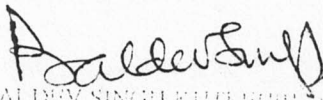
F.No. 33-31/95-II(D)  
Government of India  
Ministry of Human Resource Development  
Department of Education

Shastri Bhavan, New Delhi-1  
Dated: 15 September, 1997.

OFFICE MEMORANDUM

SUBJECT : MINUTES OF THE MEETING OF THE EXPENDITURE FINANCE COMMITTEE HELD ON 09TH JULY, 1997 UNDER THE CHAIRMANSHIP OF SECRETARY (EXPENDITURE) TO CONSIDER THE PROPOSAL FOR DEVELOPMENT OF SECOND PHASE OF THE SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY, LONGOWAL, DISTT. SANGRUR, PUNJAB

A copy of the minutes of the meeting of the Expenditure Finance Committee held on 9th July, 1997 under the Chairmanship of Secretary (Expenditure) to consider the proposal for development of second phase of the Sant Longowal Institute of Engineering and Technology (SLIET), Longowal (Punjab) is sent herewith.

  
(BALDEV SINGH KUTHUB)  
Assistant Financial Adviser  
Tel.No. 3384355

MINISTRY OF FINANCE, NORTH BLOCK, NEW DELHI

1. Sh. A.K. Singh, Joint Secretary(PF-II)
2. Shri D. Swarup, Joint Secretary(Per)
3. Smt. Divya Malhotra, Deputy Secretary

PLANNING COMMISSION, YOJANA, BHAVAN, NEW DELHI

1. Dr. Ahmad Masood, Adviser(PAMD)
2. Shri K.N. Pathak, Deputy Adviser(PAMD)
3. Dr. Meena Gautam, Deputy Adviser (Education)

MINISTRY OF ENVIRONMENT & FORESTS, PARYAVARAN BHAVAN, OLD COMPLEX, NEW DELHI

1. Dr. G.V. Subrahmanyam, Additional Director

MINISTRY OF URBAN AFFAIRS & EMPLOYMENT, NIRMAN BHAVAN, NEW DELHI

1. Shri Y.P.Singh, Director (Works)

MINISTRY OF LABOUR, SHRAM SHAKTI BHAVAN, NEW DELHI

1. Secretary

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, IG INDOOR STADIUM, IP ESTATE, NEAR ITO, NW DELHI

1. Chairman

SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY, LONGOWAL, DISTT. SANGRUR, PUNJAB

1. Dr. R.C. Chauhan, Director
2. Shri I.C. Kapoor, Sr. Engineer

For office use in SLIET  
only.

**MINUTES OF THE MEETING OF THE EXPENDITURE FINANCE COMMITTEE HELD ON 09TH JULY, 1997 UNDER THE CHAIRMANSHIP OF SECRETARY (EXPENDITURE) TO CONSIDER THE PROPOSAL FOR DEVELOPMENT OF SECOND PHASE OF THE SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY, LONGOWAL, DISTT. SANGRUR, PUNJAB**

A Meeting of the Expenditure Finance Committee (EFC) was held under the Chairmanship of Secretary (Expenditure) at 3.30 PM on 9th July'97 to consider the proposal for development of second phase of Sant Longowal Institute of Engineering and Technology (SLIET), Longowal.

The list of the participants is attached.

Initiating the discussions, the Chairman desired that the proposal may be explained to the Committee. Education Secretary (ES) stated that this proposal was earlier considered by the EFC three times and in the last meeting it was decided that the proposal be revised keeping in view the norms adopted for NERIST, Itanagar and firmed up figures put up to EFC for approval. ES further stated that a regular Director has since been appointed in the institute.

The Chairman enquired whether introduction of Degree Courses in the institute was envisaged from the beginning of the Project, as apparently the initial EFC clearance of the project was only for a small amount. It was clarified by ES that initially it was only the concept clearance for Degree Courses in Phase II which was accorded by the EFC with the approval for setting up of the institute in Phases. The revised cost estimates for Phase I with Certificate & Diploma courses were approved by the EFC on 15-07-94. ES further stated that the minutes of the first EFC for concept clearance mentioned SLIET as a Central Institute.

Responding to a query made by the representative of the Planning Commission, Prof. D.P. Agrawal Joint Educational Adviser (T) clarified that during the period from April'94 to July'96 grants to the institute were being routed through the AICTE but administratively the institute was under Ministry of Human Resource Development. The Chairman stated that this is a continuing project and Phase II of the project has been started after completion of the Phase I.

The Chairman enquired whether the responsibility of the Govt. of India would be to complete the Phase II of the Project upto 9th Plan and hand over the Institute to the State Government after development or it would be a permanent liability even beyond 9th Plan Period. He further mentioned that after completion of the Project, the recurring cost should be met by the State Government. ES stated that the possibility of taking over of recurring liability of the institute beyond 9th Plan Period by the State Govt. will have to be examined by MHRD in consultation with the State Government keeping in view the political commitment made by the Central Government prior to the setting up of the institute.

The Chairman pointed out that the proposed staff strength appears to be on the higher side. It was clarified by Prof. D.P. Agrawal, Joint Educational Adviser (T) that the staff strength has been limited to the ratio of 1:2 for teaching to non-teaching posts as per NERIST norms. He also clarified that in a technical institute provisions for a large number of laboratories & workshops are needed and accordingly the Non-teaching staff strength projected in the EFC Memo, consists of technical support staff for the laboratories & work-shops as well as administrative/secretarial staff including non-technical maintenance staff. Prof. Agrawal further mentioned that the UGC norms provide for a ratio of 1:3 for teaching to non-teaching posts.

MEETING OF THE EXPENDITURE FINANCE COMMITTEE HELD ON  
9TH JULY, 1997, UNDER THE CHAIRMANSHIP OF SECRETARY  
(EXPENDITURE) TO CONSIDER PROPOSAL FOR THE  
DEVELOPMENT OF 2ND PHASE OF SANT LONGOWAL INSTITUTE  
OF ENGINEERING AND TECHNOLOGY, LONGOWAL

LIST OF PARTICIPANTS

- I. MINISTRY OF FINANCE (DEPARTMENT OF EXPENDITURE)  
NORTH BLOCK, NEW DELHI
  1. Shri C. Ramachandran, Secretary
  2. Shri A.K. Singh, Joint Secretary (PF.II)
  3. Smt. Divya Malhotra, Dy. Secretary (PF.II)
  4. Shri K.C. Gupta, Asst. Director (PF.II)
- II. MINISTRY OF HUMAN RESOURCE DEVELOPMENT, (DEPARTMENT OF EDUCATION),  
SHASTRI BHAWAN, NEW DELHI
  1. Shri P.R. Dasgupta, Secretary
  2. Shri S. Sathyamoorthy, JS & FA
  3. Prof. D.P. Agrawal, Joint Educational Adviser (T)
  4. Shri S.K. Misra, Additional Apprenticeship Adviser
  5. Shri Debaprasad Bhattacharya, Dy. Educational Adviser (T)
  6. Shri Baldev Singh Kuttichria, Assistant Financial Adviser
- III. PLANNING COMMISSION, YOJANA BHAWAN, NEW DELHI
  1. Shri Ahmad Masood, Adviser (PAMD)
  2. Dr. Meena Gautam, Dy. Adviser (Education)
  3. Shri K.N. Pathak, Dy. Adviser (PAMD)
- IV. MINISTRY OF ENVIRONMENT & FORESTS, PARYAVARAN BHAWAN, CGO COMPLEX,  
NEW DELHI
  1. Dr. G.V. Subrahmanyam, Additional Director
- V. MINISTRY OF URBAN AFFAIRS & EMPLOYMENT, NIRMAN BHAWAN, NEW DELHI
  1. Shri Y.P. Singh, Director (Works)
- VI. SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY, LONGOWAL,  
DISTT. SANGRUR, PUNJAB
  1. Dr. R.C. Chauhan, Director
  2. Shri I.C. Kapoor, Sr. Engineer

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MEMORANDUM FOR EXPENDITURE FINANCE COMMITTEE FOR PROPOSALS INVOLVING EXPENDITURE ON NEW SERVICE INSTRUMENT OF SERVICE IN TERMS OF INSTRUCTIONS ISSUED BY BUDGET DIVISION ON EXPANSION OF EXISTING SERVICE CONSISTING OVER RS 20.00 CRORES (NON-RECURRING) OR OVER RS 50.00 LAKHS PER ANNUM (RECURRING)

Government of India,  
Ministry of Human Resource  
Development, Department of  
Education, Shastri Bhawan,  
New Delhi -110001.

I. STATEMENT OF PROPOSAL

1. Title of Proposal/  
Scheme

Development of Sant Longowal  
Institute of Engineering &  
Technology (SLIET) at Longowal  
in VIII and IX Plan with the  
introduction of Degree Courses  
in Phase-II.

SUPPLEMENTARY NOTE ON E.F.C. MEMO FOR SANT LONGOWAL INSTITUTE OF ENGI-  
NEERING & TECHNOLOGY(SLIET) IN VIII & IX PLAN UNDER PHASE-II

1. The Expenditure Finance Committee in their meeting held under the Chairmanship of Secretary (Exp.) on 18th December, 1995 considered the note of December, 1995 for the proposal of Development of the Sant Longowal Institute of Engineering & Technology, Longowal under Second Phase. The E.F.C. desired to have the following information before it could decide on the proposal.

ITEMWISE INFORMATION TO EFC FOR QUERIES ON SLIET PHASE-II SANCTION

ITEM

REPLY

1) Appointment of Director

Dr. R.C. Chauhan has been appointed as the Director of SLIET in the pay scale of Rs 6300-7300, after advertising the post in the open press. The Government of India has accorded the approval for appointment vide letter No. F.No.11-13/94-TD(iv) dated 27.06.96. The Director has taken over the charge with effect from 7th August 1996.

- ii) Comparison between NERIST & SLIET on Norms, Building, Staff etc.

A chart showing comparison between built-in area, class rooms, residences, auditorium, library, administration block etc. and staff norms of NERIST & SLIET is placed at Annexure-I. It may be noted that norms adopted by SLIET are the same as that of NERIST.

- iii) Yearwise Phase II funding requirement has not been projected.

The Planning Commission in their Appraisal mentioned that the proposal for starting 8 degree courses in SLIET during Phase II at RS 39.72 crores - Rs.32.21 crore(NR) and Rs 7.51 crore(R), is in confirmation with the recommendation of the EFC in its earlier meeting dated 21.9.95.

The cost structure was re-examined keeping in view the norms followed at NERIST as desired by EFC in its meeting of 18.12.95. This has resulted to a total cost of Rs 39.3371 crores, (Rs 28.7715 crore (non-recurring.), and, Rs 10.5656 crores (recurring).

Summary of yearwise funding requirements of Phase-II are placed at Annexure-II. The Phase is spread over for 1995-96 to 1999-2000 ( 5 years). The details of the capital requirements are placed at Annexures-II ( A to F ), staff requirement and the expenditure thereof at Annexure-III A and III-B. However, the principle of Calculation of staff requirement Faculty, Technical Supporting and Non-Teaching staff is shown in Annexure-IV. The requirement of the Institute for recurring

expenditure during the year  
1999-2000 is Rs.343.80 lakhs  
which has been reflected in the  
proposal.

The details of expenditure and physical inputs sanctioned and created at the cost of Rs 43.45 crores in phase-I are given in Annexure V.

#### MANPOWER REQUIREMENT

Programme and studentwise calculations have been included in Annexure-IV.

##### (i) Teaching Staff :

	Faculty
Phase-I	108
Phase-II	81
Total :-	<hr/> 189 <hr/>

##### (ii) Non Teaching Staff:

Adopting the proposed ratio for non-teaching staff with teaching staff as 1 : 2 the number of Non-teaching staff is =  $2 \times 189 = 378$

Phase-I	186
Phase-II	189
	<hr/> 375 <hr/>

No provision for 10% leave vacancy reserve has been kept. It is proposed that visiting faculty will be utilised for such contingencies which arise in staff requirement. The post of 2 Deans which has been sanctioned in Phase-I will also be treated in academic staff. They will be performing the administrative duties delegated by the Director, besides academics.

## EXPLANATORY NOTE ON

### A. BUILDINGS

#### (i) Library:

The Library has already been constructed over an area of 2800 Sqr. Mtr. A space of 1000 Sqr. Mtr. will be exclusively used for the Library. The remaining 1800 Sqr. Mtr. will be used to accommodate Examination (500 Sq.M.), Academic (400 Sq.M.), Curriculum Dev. Cell (150 Sq.M.), Entrepreneur Development Centre (150 Sq.M.), Conference rooms (300 Sq.M.), Seminar Halls (300 Sq.M.). This area has been reduced from the proposed area of 5142 Sq.M. earlier proposed. Thereby the new area for construction of Administrative Block which is 3342 Sq.M.

#### (ii) Guest House:

The Institute is located in a remote area and 26 K.M. away from District Head Quarters. To provide accommodation for members attending meetings of B.O.G, Finance Committee, Building & Works Committee, other Administrative Committees, examiners and the guests etc., the present accommodation in Guest House was planned and completed. Therefore, this facility shall remain as Guest House.

#### (iii) Students' Activity Centre:

Student Activity Centre is being asked for and its other components have been deleted. Area of the Student cafeteria of 200 Sq.M. has been removed and it has been appended in the student activity centre with an area of 850 Sq.M., the details of which are at ANNEXURE-II C.

#### (iv) Auditorium:

Similarly, the auditorium with a 750 seating capacity is envisaged requiring 2000 Sq.M. because the community centre of 750 Sq.M. has also been appended with the auditorium.

#### (v) Residential Accommodation:

a) Under the head 'Residential Accommodation', the requirements have been recalculated and detailed in Annexure-II D. A reduction of 5570 Sq. M. has been made from 9190 Sq.M. It is now 3620 Sq.M.

b) The dormitory accommodation has been eliminated. The provision for rest room of security staff with bathroom facility has been included in the Administrative Block with a total area of 40 Sq.M.

c) At the moment the Creche is being accommodated in two quarters however the possibility of obtaining support under WCD scheme shall be explored.

d) Only primary School ( 1000 Sq.m) shall be constructed and the proposal for secondary School (1000 Sq.M.) is dropped for the time being.

The details and yearwise phasing of the building work is given in the ANNEXURE-II B.

#### B. CENTRAL FACILITIES

The cost for the telephone exchange including VSAT is reconfirmed as (Rs 8.38 + 5.48) Rs 13.86 lacs. In respect to transport requirements only a Bus and one Car for an estimated cost of Rs 10 lacs has been included in the Phase-II and are being arranged. The process of installation of INTERNET SYSTEM is also in hand which is to cost Rs 15 lakhs and it is in the subsequent year of Phase-II.

APPROVAL OF THE EFC IS SOUGHT FOR THE FOLLOWING:

- i. Central Government may assume responsibility for the Longowal Institute for its development and maintenance as other Central institutions.
- ii) Modification of EFC sanction for Phase-I from Rs 45.98 crores to Rs 43.45 crores.
- iii) Approve Phase-II development in the 8th and 9th Plan for starting 8 degree courses involving:

Rs. 28.7715 crores non recurring

Rs. 10.5656 crores recurring

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Rs. 39.3371 crores TOTAL

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- iv) Creation of 81 teaching posts and 191 non-teaching posts which includes 61 posts of contractual staff.

## ANNEXURE-I

## COMPARISON OF NORMS ADOPTED AT SLIET &amp; NERIST

Sl. Description	Norms	
	SLIET	NERIST
1. Teaching faculty for		
(i) Degree	1:10	1:10
(ii) Diploma	1:12	1:11
(iii) Certificate	1:16	1:12
2. Hostel Accommodation per students	17 Sqm	17 Sq.m.
3. Class Rooms	60 Sqm per Room	60 Sqm per Room
4. Library	2800 Sqm *	1000 Sqm
5. Total Carpet Area	1,27,310 Sqm	1,80,441 Sqm
6. Residential Quarters	48,767 Sqm (33,585 already constructed in Phase I)	54,482 Sqm
i) Director	200 Sqm	200 Sqm
ii) Professor	150 Sqm	150 Sqm
iii) Asstt. Professor	100 Sqm	100 Sqm
iv. Lecturers/others	65 Sqm	80 Sqm
v. Supporting Staff	50 Sqm	65 Sqm
vi. Supporting Staff	50 Sqm	50 Sqm
vii. Peons/Helpers	40 Sqm**	35 Sqm
7. Dispensary/ Health Centre	100 Sqm	100 Sqm
8. Auditorium	2000 Sqm ***	1500 Sq
9. Director Grade	7300-7600	7300-7600

\* Please see detail at page 04 under Title, "Library & Guest House"

\*\* The 54 Type-I quarters have already been constructed with an area of 40 Sq.m. each.

\*\*\* Please see detail at page 04 under Title, "Building".

## ANNEXURE-II

## PHASE II - YEARWISE BREAKDOWN OF EXPENDITURE

## A. NON-RECURRING

(Rs. in Lakhs)

I t e m s	1995-96	1996-97	1997-98	1998-99	1999-2000	Total
1. Building(Annexure IIB)	150.00	108.22	200.00	134.54	100.00	692.76
2. Amenities(Annexure II C)	-	147.98	292.91	119.03	60.77	620.69
3. Residences(Annexure II D)	30.00	23.32	50.00	30.00	26.05	159.37
4. Campus Development (Annexure II E)	-	67.41	100.10	165.00	72.49	405.00
5. Equipment(Annexure II E)	20.00	100.00	110.00	320.00	289.00	839.00
6. Central Facilities (Annexure II F)	-	47.33	30.00	48.00	35.00	160.33
TOTAL	200.00	494.26	783.01	816.57	583.31	2877.15

## B. RECURRING:

1. Salary	51.00	-	116.54	142.22	171.90	481.56
2. others	50.00	-	196.73	156.27	171.90	574.90
TOTAL	101.00	-	313.27	298.49	343.80	1056.56
(A+B) GRAND TOTAL	301.00	494.26	1096.28	1115.06	927.11	3933.71

## ANNEXURE-II A

## ABSTRACT OF YEARWISE PHASING OF EXPENDITURE

## CAPITALWORK OF PHASE-II

	(Rs. in Lakhs)					
	COMPLETED 1995-96	PLANNED FOR 1996-1997	PLANNED FOR 1997-1998	PLANNED FOR 1998-1999	PLANNED FOR 1999-2000	TOTAL
A. BUILDINGS	150.00	108.22	200.00	134.54	100.00	692.76
B. AMENITIES	-	147.98	292.91	119.03	60.77	620.69
C. RESIDENTIAL	30.00	23.32	50.00	30.00	26.05	159.37
D. CAMPUS DEVELOPMENT	-	67.41	100.10	165.00	72.49	405.00
E. EQUIPMENT	20.00	100.00	110.00	320.00	289.00	839.00
F. CENTRAL FACILITIES	-	47.33	30.00	48.00	35.00	160.33
TOTAL:	200.00	494.26	783.01	616.57	583.31	2377.15

# YEARWISE PHASING OF EXPENDITURE FOR PHASE II OF SLIET BUILDING WORK

ANNEXURE-II B

A. BUILDINGS	1995-96	1996-1997	1997-1998	1998-1999	1999-2000	TOTAL
	PLINTH AREA (SQM)	PLINTH AREA (SQM)	PLINTH AREA (SQM)	PLINTH AREA (SQM)	PLINTH AREA (SQM)	(SQM)
Chemical & Food Block & Classrooms(12)	-	2800	1630	-	-	1630
Mechanical Block	-	-	560	1120	-	1680
Electronics, Computers & Instrumentation Block.	-	-	2000	660	-	2660
Administrative	-	-	1000	500	1842	3342
Other Areas Required	-	227	404	1074	1365	3070
Boys' Hostel Three Seater for 252 students	4200	-	-	-	-	4200
	4200	3027	5594	3354	3207	19382
@ Rs 3575/- lakhs	150	108.22	200.00	100.00	134.54	

Total 19382 @ Rs 3575/-

= Rs 692.76 lakhs

## ANNEXURE-II C

## YEARWISE PHASING OF EXPENDITURE FOR PHASE-II OF SLIET BUILDING WORK

B. AMENITIES	1995-96 PLINTH AREA (SQM)	1996-1997 PLINTH AREA (SQM)	1997-1998 PLINTH AREA (SQM)	1998-1999 PLINTH AREA (SQM)	1999-2000 PLINTH AREA (SQM)	TOTAL (SQM)
Boys/Girls Hostel for 520 students @ 17 Sq.Mt. per student	-	1840	6660	-	-	8500
Students activity centre.	-	-	300	350	200	850
Auditorium	-	-	-	2000	-	2000
Shopping Complex	-	-	-	500	500	1000
Confectionery, Stationary, bank, post office etc.)	-	-	-	200	-	200
Restaurant	-	-	-	-	-	200
Health Centre	-	-	200	-	-	200
Library	-	2020	780	-	-	2800
Primary School	-	-	-	-	1000	1000
Total Area=	-	3860	7940	3050	1700	16550
(a) Cost @ Rs3575 = per Sqm.	-	137.98	283.37	91.16	73.64	591.65 lakhs
b) Sports facilities -	-	10.00	9.04	10.00	-	29.04 lakhs
(a+b)	-	147.98	292.91	101.16	73.64	620.69 lakhs

# ANNEXURE-II D

## YEARWISE PHASING OF EXPENDITURE FOR PHASE II OF SLIET BUILDING WORK

### C. RESIDENTIAL

	1995-96 PLINTH AREA (SQM)	1996-1997 PLINTH AREA (SQM)	1997-1998 PLINTH AREA (SQM)	1998-1999 PLINTH AREA (SQM)	1999-2000 PLINTH AREA (SQM)	TOTAL (SQM)
Director's Quarter	-	200.	-	-	-	200
Asstt. Professors, Lecturers, Type-IV supporting staff	-	452	1348	-	-	1800
Supporting Type II Staff	-					
Type-I	-			450.00	450.00	900
Shopping Complex	120		51	559.50	109.50	720
Restaurant	161					120
Type-III Qtrs (partly completed)	522					161
Other Area required	37					522
						37

Type of Quarters	No.	Area (Sq.M.)	Rs 3575/-per Sq.M.	Rs 159.37 Lakhs
Type IV	13	@100		
Type II	13	@ 50		
Type I	13	@ 40		
	54			

## ANNEXURE-II E

## YEARWISE PHASING OF EXPENDITURE FOR PHASE-II OF SLIET BUILDING WORK

	(Rs in lakhs)					
D. CAMPUS DEVELOPMENT	1995-96	1996-1997	1997-1998	1998-1999	1999-2000	TOTAL
Roads, pathways, culverts and drainage	-	42.51	20	20	12.49	95
Ext. electrification, substation, 11KVA line and power distribution	-	-	5	75	55	135
Water tanks, tubewells and central water supply etc.	-	-	10	10	-	20
External sewerage network, sewerage pumping station and sewerage treatment plant	-	-	15	30	5	50
Horticulture	-	-	15	5	-	20
Compound wall	-	5	5	10	-	20
Telephone Exchange including EPABX etc.	-	9.90	20.10	-	-	30
Site levelling, grading and lane scaling	-	10	10	15	-	35
TOTAL =	-	67.41	100.10	165	72.49	405.00
E. EQUIPMENT (annexure IV)	20.00	100.00	110.00	320	239	839.00
F. CENTRAL FACILITIES	-	47.33	30.00	48	35	160.33
	20.00	214.74	240.10	533	299.49	1104.33

## ANNEXURE-II E

## YEARWISE PHASING OF EXPENDITURE FOR PHASE-II OF SLIET BUILDING WORK

	(Rs in lakhs)					
D. CAMPUS DEVELOPMENT	1995-96	1996-1997	1997-1998	1998-1999	1999-2000	TOTAL
Roads, pathways, culverts and drainage	-	42.51	20	20	12.49	95
Ext. electrification, substation, 11KVA line and power distribution	-	-	5	75	55	135
Water tanks, tubewells and central water supply etc.	-	-	10	10	-	20
External sewerage network, sewerage pumping station and sewerage treatment plant	-	-	15	30	5	50
Horticulture	-	-	15	5	-	20
Compound wall	-	5	5	10	-	20
Telephone Exchange including EPABX etc.	-	9.90	20.10	-	-	30
Site levelling, grading and lane scaling	-	10	10	15	-	35
TOTAL =	-	67.41	100.10	165	72.49	405.00
E. EQUIPMENT (annexure IV)	20.00	100.00	110.00	320	239	839.00
F. CENTRAL FACILITIES	-	47.33	30.00	48	35	160.33
	20.00	214.74	240.10	522	296.49	1404.33

## ANNEXURE-II F

## CENTRAL FACILITIES

		(Rs in lakhs)				
	1995-96	1996-97	1997-98	1998-99	1999-2000	TOTAL(Rs)
1. TELEPHONES: INCLUDING 104 LINES, EPABX VSAT, Internet System	-	16.00	14.00	-	-	30.00
2. LIBRARY: Books, Office Equipment Visual Aids	-	4.00	6.00	26.00	18	54.00
3. SPORTS:	-	2.00	2.00	07.00	10	21.00
4. FURNITURE & FIXTURES: for Hostels, Offices, Labs etc.	-	15.33	8.00	15.00	7	45.33
5. TRANSPORT: 52 Seater Bus and 01 Car	-	10.00	-	-	-	10.00
	NIL.	47.33	30.00	48.00	35	160.33

## ANNEXURE-III

## STAFF REQUIREMENT

S.No. (1)	Designation of posts (2)	Existing No. of posts Phase-I (3)	Required in Phase-II (4)	Scale (5)	Expenditure Phase-II (1996-97) (6)
<u>A - FACULTY:</u>					
1.	Director	1	0	6300-7300	
1.	Dean/Professor	2	20	4500-7300	35,40,000.00
2.	Asstt. Professor	20	25	3700-5700	28,20,000.00
3.	Lecturer	86	36	2200-4000	33,48,000.00
TOTAL =		108	81		97,08,000.00 (A)
<u>B - TECHNICAL SUPPORTING/NON-TEACHING STAFF:</u>					
1.	Workshop Supdt.	1	0	3700-5000	-
2.	Sr. Technician/ Research Assistant	9	6	1640-2900/	4,08,600.00
3.	Technician/Jr. Technician	23	14	1400-2600/ 1200-2040	7,77,000.00
1.	Lab./Workshop Attdt.	2	15	950-1400	5,28,750.00
TOTAL =		35	35		17,14,350.00 (B)
<u>ADMINISTRATIVE STAFF:</u>					
<u>- TECHNICAL SUPPORTING/NON-TEACHING STAFF:</u>					
	Jr. Scale Stenographer/	7		1200-2040	3,40,200.00
	Data Entry Operator				
	L.D.C./Typist	1	0	950-1500	-
	U.D.C./Data Entry Opr.	1	0	1200-2040	-
	Peon	3	0	750-940	-
TOTAL =		12	7		3,40,200.00 (C)

ADMINISTRATIVE OFFICE:

1. Registrar	-	1	3700-5000	1,30,500.00
2. Dy.Registrar	3	1	3000-4500	1,12,500.00
3. Asstt.Registrar	4	0	2200-4000	-
4. P.S. to Director	0	1	2000-3200	78,000.00
5. Assistant	6	0	1400-2600	-
6. U.D.C./Data Entry Opr.	4	1	1200-2040	48,600.00
7. L.D.C.	6	8	950-1500	2,94,000.00
8. Sr.Scale Stenographer	2	2	1400-2600	1,20,000.00
9. L.D.C./Typist	7	3	950-1500	1,10,250.00
10. Driver	4	2	950-1500	73,500.00
11. Peons	7	10	750-940	2,53,500.00
12. Audit/Accts Officer	0	3	2200-4000	2,79,000.00
13. Superintendent(Admn.) /Asstt.Superintendent	0	1	2000-3500/ 1640-2900	82,500.00
14. Superintendent(Acad.) /Asstt.Superintendent	0	1	2000-3500/ 1640-2900	82,500.00
15. Superintendent(Exam.) /Asstt.Superintendent	0	1	2000-3500/ 1640-2900	82,500.00
16. Section Officer(Accts)	0	2	2000-3500	1,65,000.00
17. Accountant	0	3	1640-2900	1,60,000.00
18. Head Cashier	0	1	1400-2600	60,000.00
19. Asstt. Accountant	0	2	1400-2600	1,20,000.00
20. Cashier	0	2	1200-2040	97,200.00
21. Telephone Operator	0	2	950-1500	73,500.00
22. Receptionist	0	1	1200-2040	48,600.00
23. Daftri (Accounts)	0	1	950-1500	36,750.00
<hr/>				
TOTAL =	43	49		23,08,400.00(0)
<hr/>				
TOTAL (A+B+C+D)	198	172		= 1,42,70,950.00

E. GUEST HOUSE:

1. Caretaker	1	0	1200-2040	-
2. Cook	1	0	950-1500	-
3. Helper	1	2	750-940	50,700.00
4. Sweepers	1	0	750-940	-
6. Bearer	2	0	750-940	-

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TOTAL =	6	2		50,700.00(E)
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F. DISPENSARY:

1. Asstt. Medical Officer/2 Medical Officer		0	2200-4000	-
2. Compounder/Pharmacist	2	0	1350-2200/ 1200-2040	-
3. Nurse	2	0	1400-2600	-
4. Helper/Cleaner	3	0	750-940	-
5. L.D.C./Typist	1	0	950-1500	-
6. Driver (Ambulance)	1	0	950-1500	-

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TOTAL =	11	0		- (F)
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G. ELECTRONIC AND DATA PROCESSING DEPARTMENT:

1. System Analyst	0	.1	3000-4500	1,12,500.00
2. Programmer	0	1	2200-4000	93,000.00
3. Data Entry Operator	0	2	1400-2300	1,11,000.00

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TOTAL =	0	4		3,16,500.00(G)
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H.

ESTATE OFFICE:

1. Estate Officer	<u>1</u>	0	2200-4000	-
2. Asstt. Engineer	0	<u>1</u>	2200-4000	93,000.00
3. U.D.C.	<u>1</u>	0	1200-2040	-
4. Helper	<u>1</u>	0	750-940	-
5. Supervisor/ Maintenance Supervisor	2	0	1200-2040/ 1400-2300	-

TOTAL = 5 2 93,000.00

TOTAL (E+F+G+H) = 22 7 4,60,200.00

I.

PRIMARY SCHOOL:

1. Teacher	0	5	1400-2600	3,00,000.00
2. Nursery	0	2	1200-2040	97,200.00

TOTAL = 0 7 3,97,200.00

J. SPORTS:

1. Sr.Instructor(Phy. Edn.)/Chief Instructor	1	0	2200-4000	-
2. Physical Instructor	2	0	1400-2300	-
3. Marker	2	0	950-1500	-
4. Helper	2	0	750-940	-
5. L.D.C./Typist	1	0	950-1500	-
6. Swimming Pool Attdt.	0	1	950-1500	36,750.00

TOTAL =	8	1		36,750.00(J
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K. LIBRARY:

1. Librarian	2	0	2200-4000	-
2. Asstt. Librarian	2	0	1640-2900	-
3. U.D.C./Data Entry Opr.	1	1	1200-2040	48,600.00
4. L.D.C. /Typist	1	0	950-1500	-
5. Helper	3	0	750-940	-

TOTAL =	9	1		48,600.00(!
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L. HOSTEL:

1. U.D.C./Data Entry Opr.	3	0	1200-2040	-
2. L.D.C.	3	0	950-1500	-
3. Typist	1	0	950-1500	-
4. Accountant	3	0	1400-2600	-
5. Care Taker	5	2	1200-2040	97,200.00
6. Block Hostel Servant	4	0	750-940	-
7. Sweeper	1	0	750-940	-
8. Chowkidar	1	0	750-940	-

TOTAL =	21	2	97,200.00(L)
TOTAL(I+J+K+L) =	38	11	5,79,750.00

M. CENTRAL WORKSHOP:

1. Asstt. Workshop Supdt.	2	1	2200-4000	93,000.00
2. Sr. Technician/	6	2	1640-2900/	1,36,200.00
Research Assistant			1400-2300	
3. Technician	8	4	1400-2600	2,40,000.00
4. Helper	8	10	750-940	2,53,500.00
5. L.D.C./Typist	1	0	950-1500	-
6. Store Keeper	2	0	1400-2300	-
7. Store Asstt.	2	0	1400-2300	-

TOTAL =	29	17	7,22,700.00(M)
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N. : CENTRAL STORE:

1.	Store Superintendent/ 1 Store Officer	0	2200-4000	-
2.	Store Keeper. 2	1	1400-2300	55,500.00
3.	U.D.C./Data Entry Opr. 1	0	1200-2040	-
4.	L.D.C./Typist 0	1	950-1500	36,750.00
5.	Helper 2	0	750-940	-

TOTAL =		2	92,250.00(
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0. SECURITY/HORTICULTURE/SANITATION/MAINTENANCE SECTIONS:

1. Security Officer	* -----             -----	
2. Sergeants		28,83,400.00
3. Watch & Ward Guards		
4. Horticulture Staff		
5. Sanitation Staff		
6. Maintenance Staff		

\*On Contract

TOTAL =		28,83,400.00(0)
TOTAL(M+N+O)=	35 19	36,98,350.00
GRAND TOTAL(A to O)=294	270	1,90,46,000.00

1. At any instance the students in Degree Programme are 810. Therefore, a teaching faculty of 81 as per AICTE norms is envisaged.

2. Two posts of Dean were sanctioned in Phase I to perform the functions of Principals for courses started in the Phase I.

3. In the EFC memo of NERIST, two Professors have been specified for each Degree Courses, and one each for Physics, Chemistry, Maths and Humanities with this norms of SLIET having 8 Degree Courses there will be a requirement of 20 Professors. Out of these 20 Professors, one Professor is shown for Students Welfare and one Professor for Training & placement. The details of total staff at SLIET both for Phase I and Phase II indicating pay scales and expenditure envisage for Phase II is placed at Annexure III.

# ANNEXURE-III A

## PHASE-II PROGRESSIVE RECRUITMENT OF STAFF

FACULTY	1996-1997	1997-1998	1998-1999	1999-2000	TOTAL
Professor	-	10	6	4	20
Asstt Professor	-	11	9	5	25
Lecturer	-	22	8	6	36
Total	-	43	23	15	81

## PROGRESSIVE RECRUITMENT OF SUPPORTING STAFF

	1996-1997	1997-1998	1998-1999	1999-2000	TOTAL
Group A	-	7	2	2	11
B	-	13	2	2	17
C	-	30	7	6	43
D	-	36	10	13	59
TOTAL=	-	86	21	23	130

## ANNEXURE-III B

## PHASE-II EXPENDITURE CALCULATION OF SALARY

	1996-97	1997-98	1998-99	1999-2000	Total
Professors	-	17,70,000.00 (10)	10,62,000.00 (6)	7,08,000.00 (4)	35,40,000.00 (20)
Asstt.Prof.	-	15,51,000.00 (11)	12,69,000.00 (9)	7,05,000.00 (5)	35,25,000.00 (25)
Lecturers	-	20,46,000.00 (22)	7,44,000.00 (8)	5,58,000.00 (6)	33,48,000.00 (36)
Group A	-	7,99,908.00 (7)	2,28,546.00 (2)	2,28,546.00 (2)	12,57,000.00 (11)
B	-	9,62,330.00 (13)	1,48,060.00 (2)	1,48,060.00 (2)	12,58,500.00 (17)
C	-	16,31,300.00 (30)	3,53,200.00 (7)	2,91,600.00 (6)	22,76,100.00 (43)
D	-	13,28,024.00 (36)	3,28,276.00 (10)	3,29,550.00 (13)	19,85,850.00 (59)
	-	100,88,612.00	41,33,082.00	29,68,756.00	171,90,450.00
			+100,88,612.00+142,21,694.00		
		100,88,612.00 (129)	142,21,694.00 (44)	171,90,450.00 (38)	(211)

FACULTY REQUIREMENTS PROGRAMME & STUDENT-WISE

## Phase-I

Programmes	No. of students	Faculty/Student Ratio	Faculty
12 Certificate courses	$12 \times 30 \times 2 = 720$	1 : 16	45
10 Diploma courses	$10 \times 30 \times 2 = 600$	1 : 12	63
6 months Bridge-courses	$10 \times 30 \times 0.5 = 150$		
Total	1470		108

## Phase-II (Additional Requirement)

7 Degree Courses	$7 \times 30 \times 3 = 630$	1 : 10	81
1 Degree Course	$1 \times 60 \times 3 = 180$		
Total	810		81

Total strength of Faculty =  $45 + 63 + 81 = 189$

## NOTE:

Number of students = Number of Courses x Intake x duration

The Phase-II has 8 degree courses. One of the courses, Computer Science & Engineering has an intake of 60 students whereas the other 7 courses has an intake of 30 students in each course.

The students stay for 3 years including one year of Bridge Course for Direct Entrants through an All India Entrance Test. The students finding promotion under vertical mobility undergo a bridge course of 6 months. The Punjab University to which the Institute is affiliated is insisting that according to their Calendar, the diploma holders must spend 3 years to obtain a degree.

# PHASEWISE REQUIREMENTS OF FACULTY

Faculty	Existing strength Phase-I	Additional Requirement Phase-II	Total
Professor/Dean	02	20	22
Asstt. Professors	20	25	45
Lecturers	45 + 41 = 86	36	122
	108	81	189

## PROGRESSIVE RECRUITMENT OF STAFF UNDER PHASE-II :

FACULTY	1996-1997	1997-1998	1998-1999	1999-2000	TOTAL
Professor	-	10	6	4	20
Asstt Professor	-	11	9	5	25
Lecturer	-	22	8	6	36
Total	-	43	23	15	81

## 1. PLAN OUTLAY, EXPENDITURE &amp; PHYSICAL INPUTS

(Rs in crores)

a. VIII Plan (1992-97) out lay for SLIET. 35.00

b. Total Amount (Revised cost estimates) for Phase I approved by EFC on 15/7/94

Non-Recurring	37.58
Recurring	8.40

Total	=	45.98
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c. Total Amount of Phase I revised with reduced staff requirement as per AICTE norms. 43.45

## 2. YEARWISE EXPENDITURE ON THE INSTITUTE (PHASE I)

YEAR	EXPENDITURE
1989-90	5.00
1990-91	8.00
1991-92	8.00
1992-93	7.00
1993-94	6.75
1994-95	4.96
1995-96(Phase I Component)	3.74
	-----
	43.45
	-----

## SUMMARY

Total upto 1995-96 on Phase I	43.45
Total upto 1995-96 on Phase II	3.01
Total budget for 1996-97 for PH-II	4.94
Phase I Recurring for 1996-97	3.06

## 3. PHYSICAL INPUTS SANCTIONED &amp; CREATED - PHASE I.

## I. P O S T S

	Sanctioned	Filled up
Teaching	109	116
Non-Teaching	187	157
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Total	= 296	273
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# BUILDINGS :

## i. Institutional Buildings :

(Rs. in Crores)

Buildings.	Plinth area in	Estimated cost	Status on Feb. 96
1. Science Block (Physics & Chemistry Labs. Lecture Halls. Drawing Halls. Tutorials & Faculty Room )	5109	1.3374	Completed
2. Workshops & other mech. Labs (Workshops & Mechanical Labs for Certificate & Diploma Courses )	5583	1.8024	Completed
3. Electronics Block	7597	2.3005	Completed
4. Mechanical Block	4958	1.7500	Completed
5. Library	2800	1.0000	1000 sqm. Completed

## ii. HOSTEL & RESIDENTIAL BUILDINGS :

1. 3 Seater hostel for 500 boys	8500	2.0956	Completed
2. Single seater hostel for 500 students	10017	3.1640	Completed
3. Girls hostel for 250 girls	4321	1.4000	Completed
4. Guest house (24 Rooms)	1400	0.5554	Completed
5. Type-I house (54 Nos.)	2283	0.5807	Completed
6. Type-II house (72 No.)	3638	0.8923	Completed
7. Type-III house (old 117)	7741	2.0632	Completed
8. Type-III house (new 102)	7164	1.9875	Completed
9. Type-IV house (72 Nos.)	7054	2.1087	Completed
10. Type-V house (40 Nos.)	7240	2.5000	Completed
11. 3 seater hostel (new)	8400	2.6123	Completed
12. Shopping Complex.	473	0.1633	Completed
13. Health Centre	98	:	:

Total = 68329 20.1235

iii. CAMPUS DEVELOPMENT (272 ACRES):

(Rs. in lakhs)

	Estimated Cost	Expenditure incurred upto March '97	
1. Roads, Pathways, Culverts, Drainage	120.00	107.51	Under construction
2. External Electrification, Sub. Station 11 KV line and Power distribution system	90.00	102.82	Completed
3. Overhead water tank & tube-wells, external water supply network	74.00	73.14	Completed
4. External Sewerage network, Sewerage pumping station,	129.00	91.88	Work in Progress
5. Horticulture	10.00	10.63	Work in Progress
6. Compound Wall	32.00	49.03	Completed
7. Telephone Exchange including EAPBX	20.00	39.90	Not yet Started
8. Site levelling/grading, land scaping	25.00	29.36	Work in Progress
Total	= 500.00	474.37	

RECURRING:

(Rs. in lakhs)

	Amount spent upto						
	1987-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96
Salary	5.23	15.70	41.10	93.56	175.56	116.03	111.60
Other	4.39	11.05	42.84	75.38	130.38	77.73	259.70
Recurring							
Total	9.62	26.75	83.94	170.94	305.94	194.11	371.30